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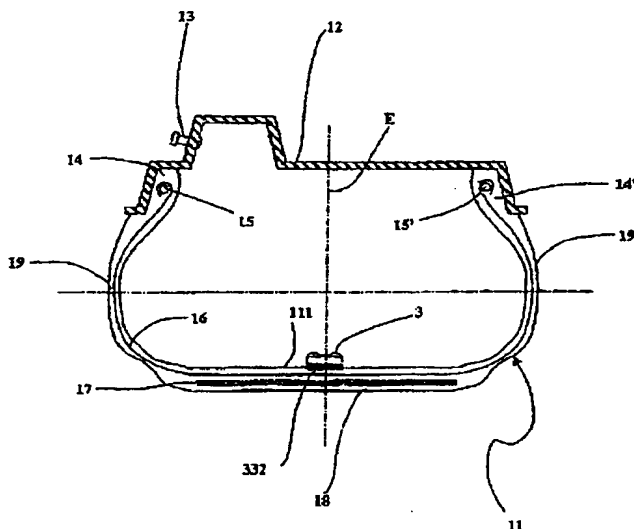
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(54) Title: METHOD AND SYSTEM FOR DETERMINING A TYRE LOAD DURING THE RUNNING OF A MOTOR VEHICLE



(57) Abstract: A method for determining a load exerted on a tyre fitted on a vehicle during a running of said vehicle comprises the following steps: acquiring a first signal comprising a first portion representative of a radial deformation to which a first tread area portion of said tyre is subjected during passage of said first tread area portion in a contact region between said tyre and a rolling surface; measuring an amplitude of said radial deformation in said first signal portion; estimating a rotation speed and an inflation pressure of said tyre in correspondence of said radial deformation; deriving said tyre load from said amplitude, said rotation speed and said inflation pressure.

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